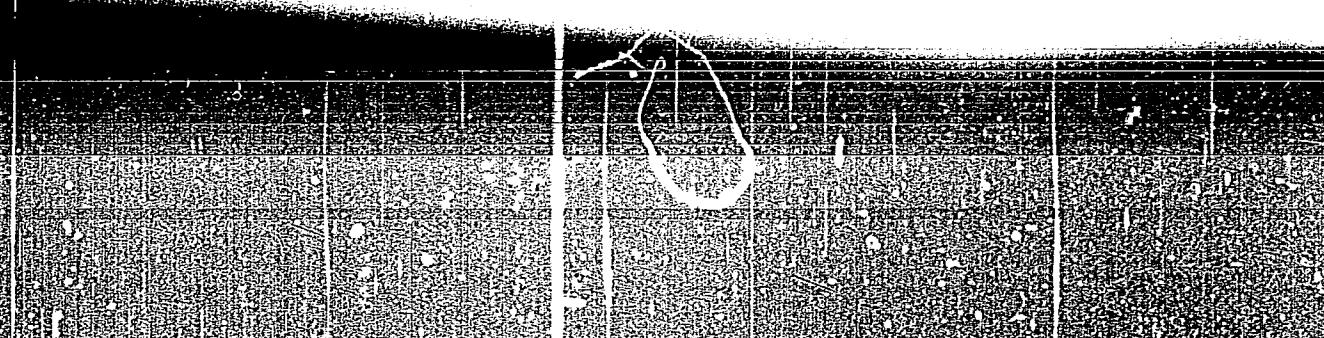


"APPROVED FOR RELEASE: 03/14/2001

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Begin
35

URMANCHEIGVA, T. G.

Urmancheigova, T. G.

"The use of the electrophysical method for studying the functions of various portions of the brain." Central Inst for the Advanced Training of Physicians. Moscow, 1956. (Dissertation for the degree of Doctor in Medical Sciences)

Knizhnaya letopis
No. 15, 1956. Moscow

LAGUTINA, N.I.; ROZHANSKIY, N.A.; URMANCHEYEVA, T.G.

Data on the characteristics of the paleocortex. Fiziol.zhur. 42 no.7:
533-540 Jl '56.
(MIRA 9:10)

1. Kafedra normal'noy fiziologii Rostovskogo meditsinskogo instituta
(CEREBRAL CORTEX, physiology,
archicortex EEG in various physiol. cond. in animals (Rus)
(ELECTROENCEPHALOGRAPHY,
of archicortex in various physiol. cond. in animals (Rus)

Original Title, Eng.:
Category: Normal and Pathological
Comparative Physiology.
Abs. Sour.: J. Neurophysiol., No. 3, 1940, Vol. 3
Author: Brusilovsky, T. G.
Institut.:
Title: The Common Characteristics of the Cortex at
Various Excitatory Stages.
Orig. Pub.: U.S. Mass. Inst. Tech., 1940, p. 451-459.
Abstract: As electrodes were chronically installed into the various parts of the cortex in cat's (ancient cortex, old cortex, transition parts leading to new cortex sectors, new cortex, pathways connecting primary cortical areas, pathways of new cortex connections), bioelectrical fluctuations were registered which were present at rest as well as in various phases of the animal's motor activity produced by stimuli. Special effects exciting the majority of these various regions

Card: 1/3

Ch. Normal Physiology. Leningrad Med. Inst.

15

...sized reactions (prepared which took the form of general agitative (leading almost to epileptic attacks) and inhibitive (inclusive of sleep) effects. In primary cortex zones, generalized effects predominated, to be followed by partial cortex sections as well as to individual, nonconductive pathways. The nonconductive pathways were manifested by the following features:

URMANCHEYEVA, T. G.; ROZHAVSKAYA, Ye. N. (Rostov-na-donu)

Nekotoryye materialy k funktsional'nym osobennostyam obrazovaniy
((sistemy kory)) i retikulyarnoy formatsii stvola mozga

report submitted for the First Moscow Conference on Reticular Formation,
Moscow, 22-26 March 1960.

URMANCHEYEVA, T.G.; CHERKOVICH, G.M. (Sukhumi)

Electrical activity of the cerebral cortex of monkeys during ontogenesis. Biul. eksp. biol i med. 54 no.12:3-7 D:62
(MIRA 16:6)

1. Iz laboratorii fiziologii i patologii vysshey nervnoy deyatelnosti (zav. - prof. N.I.Lagutina) Instituta eksperimental'noy patologii i terapii AMN SSSR, Sukhumi. Predstavlena deystvitel'nym chlenom AMN SSRR A.V.Lebedinskim.
(ELECTROENCEPHALOGRAPHY) (AGING)

UTKIN, V.V.; URMANCHEYEVA, T.G.

(Sukhumi)

Effect of cycloserine on the electroencephalographic indices
in monkeys infected with tuberculosis. Pat. fiziol. i eksp.
terap. 7 no.3:55-59 My-Je'63 (MIRA 17:4)

1. Iz Instituta tuberkuleza (dir. - deystvitel'nyy chlen AMN
SSSR prof. N.A. Shmelev) Ministerstva zdravookhraneniya SSSR i
Instituta eksperimental'noy patologii i terapii (dir. - doktor
med. nauk B.A. Lapin) AMN SSSR.

LAGUTINA, N.I.; URMANCHEYEVA, T.G.; KOROLEVA, L.V.

Electroencephalographic changes in lower monkeys of different ages following removal of the occipital lobes. Fiziol. zhur. 49 no.4:419-426 Ap '63. (MIRA 17:4)

1. From the Laboratory of Physiology and Pathology of Higher Nervous Activity Institute of Experimental Pathology and Therapy, Sukhumi.

MIL'SHTEYN, G.I.; URMANCHEYEVA, T.G.; FUFACHEVA, A.A.

Effect of lysergic acid diethylamide on the electric activity
of the cerebral cortex and some subcortical formations in
monkeys. Fiziol. zhur. 49 no.2:173-180 F'64 (MIRA 17:3)

1. Laboratoriya fiziologii i patologii vysshoy nervnoy deya-
tel'nosti Instituta eksperimental'noy patologii i terapii AMN
SSSR, Sukhumi.

URMANCHEYEVA, T.G.; CHERKOVICH, G.M.

Electric activity of the cerebral cortex in monkeys of various
ages during rhythmical light flashes. Fiziol.zhur. 51 no.4:431-
440 Ap '65. (MIRA 18:6)

1. Laboratoriya fiziologii i patologii vyschey nervnoy dzialnosti.
nest. Institut eksperimental'noy psichologii i fiziologii cheloveka,
Sib. otd.

URMANCHEYKVA, T.G.; D'YAKONOV, I.N.

Electrophysiological study of some subcortical formations in man with
chronically implanted electrodes. Fiziol. zhur. 51 no.8.909-917 Ag
'65.
(MIRA 18:7)

1. Laboratoriya fiziologii vysshey nervnoy dayatel'nosti Instituta
eksperimental'noy patologii i terapii AMN SSSR, Sukhumi i kliniki
nervnykh bolezney i nevrokhirurgii Meditsinskogo instituta, Rostov-
na-Donu.

URMANCHEYEVA, T.G.; CHERKOVICH, G.M.

Potentials and desynchronization reaction received in response
to light stimuli in the ontogeny process in lower monkeys. Biul.
eksp. biol. i med. 59 no.4:3-7 Ap '65. (MIRA 18:5)

1. Laboratoriya fiziologii i patologii vysshay nervnoy deyatel'nosti
(zav. - prof. N.I. Ingutina) Instituta eksperimental'noy patologii i
terapii (dir. - prof. B.A. Lapin) AMN SSSR, Sukhumi.

L 29371-66

ACC NR: AP(019798

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AUTHOR: Ushatinskaya, T. M.; Chaykovskiy, N. N.

ABSTRACT: The dynamics of the response of the cerebral cortex of monkeys of various ages to rhythmic light flashes were studied on Hamadryas baboons, Rhesus macaques, and green guenons from the earliest days of life to old age on the basis of EEG measurements carried out on the occipital part of the cerebral cortex. In the first days of life the macaques and baboons showed a clear response to light flash frequencies of 5-10 per sec and a weaker response to frequencies of 15 per second, while guenons responded to a wider range of frequencies, i.e., 5-20 per second. From the 2d week of life, animals of all three species responded to frequencies of 5-24 per second with the highest amplitude and

TITLE: Electrical activity of the cerebral cortex in monkeys of various ages in response to rhythmical light flashes

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 51, no. 4, 1965, 431-440

TOPIC TAGS: cerebral cortex, electrophysiology, experiment animal, EEG

ABSTRACT: The dynamics of the response to rhythmic light flashes were studied on Hamadryas baboons, Rhesus macaques, and green guenons from the earliest days of life to old age on the basis of EEG measurements carried out on the occipital part of the cerebral cortex. In the first days of life the macaques and baboons showed a clear response to light flash frequencies of 5-10 per sec and a weaker response to frequencies of 15 per second, while guenons responded to a wider range of frequencies, i.e., 5-20 per second. From the 2d week of life, animals of all three species responded to frequencies of 5-24 per second with the highest amplitude and

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UDC: 612.825.1+591.185.6

L 29371-66

ACC NR: AP6019798

greatest regularity of oscillations in the rhythm imposed on the EEG shown in the range of 5-10 light flashes per second. With increasing age (2 wks to 6-7 months) all indices characterizing the response to rhythmic light flashes increased in magnitude. At ages of 3-4 to 8-10 months, an influence of the background electric activity on the reaction to light flashes was observed. Beginning with the age of 6-8 months, the amplitude of the imposed rhythms decreased. The imposed rhythms in the EEG became stabilized towards the age of 2 years. At this age, there was a clear response to light flash frequencies in the range of 5-24. This corresponded approximately to the range of response in human adults (6-20 flashes per second). At all ages, guenons were more sensitive than baboons and macaques as far as their response to rhythmic light flashes was concerned. Experiments on macaques indicated that the response to light flashes decreased from obviously at the age of three years up to disappearance suddenly at an average of nine (range 9-11 years). The condition of the experiments did not indicate that the reactions occurring in accordance with a rhythmic imposition of light flashes explained the frequency of light flashes during this period.

Card 2/2 CC

URMANOV, A.V.

Design of brake caps of motor cranes should be changed. Bezop.
truda v prom. 2 no.8:41 Ag '58. (MIRA 12:7)

1.Tekhnicheskiy inspektor Bashkirskogo oblastnogo soveta profsoyuzov.
(Cranes, derricks, etc.)

URMANOV, F.

Constructing water wells by the method of driving. Zhil.-kom.khoz.
10 no.3:29-30 '60. (MIRA 13:7)

1. Glavnnyy inzhener tresta "Vodokanal," g.Sterlitamak.
(Sterlitamak--Wells)

KHAMUDKHANOV, M.Z., kand.tekhn.nauk, otv. red.; RODIMKIN, Ye.D.,
kand.tekhn. nauk, red.; URMANOV, F.N., kand. tekhn. nauk,
red.; LEVKOVICH, B.A., red.; KISELEVA, V.N., red.; SOKOLOVA,
A.A., red.; KARABAYEVA, Kh.U., tekhn. red.

[Power engineering, automation, mining, and light industry]
Voprosy energetiki avtomatiki, gornogo dela i legkoi pro-
myshlennosti. Tashkent, Izd-vo AN UzSSR, 1961. 243 p.

(MIRA 15:8)

1. Akademiya nauk Uzbekskoy SSR, Tashkent, Otdeleniye tekhnicheskikh nauk. 2. Chlen-korrespondent Akademii nauk Uzbekskoy SSR (for Levkovich).

(Power engineering) (Automation) (Mining engineering)

UDK 622.23:622.23'1
E. N. MULYAKIN. E. N. MULYAKIN,
D. V. MULYAKIN. D. V. MULYAKIN.

New data on the evolution of Kyzyl-Kum. Dokl. AN SSSR 107 no. 1
(1956) pp. 150.
(MIMA 917)

Lubokkaya geologicheskaya upravleniya. Predstavleno akademikom
D. V. Mulyakinem.
(Kyzyl-Kum--Geology, Stratigraphic)

URMANOV, M.I. (Khabarovsk, ul. Gogolya, 47, kv.10)

Architectonics of the intramural blood vessels of the large intestine
in man and the hindgut of some animals. Arkh. anat. gist. embr. 40
no.6:71-81 Je '61. (MIR 15:2)

I. Kafedra normal'noy anatomii (zav. - dotsent A.Ye.Trifonov)
Khabarovskogo meditsinskogo instituta i kafedra normal'noy anatomii
(zav. - prof. M.G.Prives) I Leningradskogo meditsinskogo instituta
imeni I.P.Pavlova.

(INTESTINAL BLOOD SUPPLY)

URMANOV, M.I.

Some characteristics of the blood supply of the solitary lymph follicles of the large intestine in man. Trudy Khab.
med. inst. 23 no.2:31-33 '62 (MIRA 16:12)

1. Iz kafedry normal'noy anatomii (zav. - dotsent A.Ye. Trifonov) Khabarovskogo meditsinskogo instituta i kafedry normal'noy anatomii (zav. - prof. M.G.Prives) 1-go Leningradskogo meditsinskogo instituta imeni I.P.Pavlova.

URMANOV, R. N.

"Investigation and Calculation of Circuits with a Three-Phase Welding Arc."
Official opponents: S. A. Volotkovskiy, Professor, Doctor of Technical Sciences
and G.P. Mikhaylov, Professor, Doctor of Technical Sciences.

Dissertation for the Degree of Candidate of Technical Sciences, Ural Polytechnic
Institute imeni Kirov, 1949-1954, Elektrichestvo, 1958, Nr 5, pp. 91-92 (USSR)
defender: a.t.
7 June 1954

URMANOV, R.N.

AID P - 1453

Subject : USSR/Electricity

Card 1/2 Pub. 27 - 4/36

Authors : Sinunov, N. S., Doc. of Tech., Prof., and
Urmanov, R. N., Kand. of Tech. Sci.

Title : Fundamental relationships in a three-phase welding arc

Periodical : Elektrichestvo, 2, 18-22, F 1955

Abstract : In their investigation of the three-phase welding arc, the authors demonstrate a possibility of replacing actual non-sinusoidal currents and voltages in the arcs with equivalent sinusoids, which permits calculating capacities of separate arcs and of the total three-phase arc. The authors present corresponding formulas empirically proved, and an equivalent vectorial diagram. They find a relationship between the arc capacity and the phase angle between currents in the electrodes and voltages in the arcs. This leads them to find the distribution of heat between separate

Elektrichesstvo, 2, 18-22, F 1955

AID P - 1453

Card 2/2 Pub. 27 - 4/36

arcs. Five diagrams, 5 Russian references (1948-1953)

Institution: Ural Politechnical Institute im. Kirov

Submitted : Je 21, 1954

URMANOV, R.N.

SIUNOV, N.S.; URMANOV, R.N.

Three-phase arc welding with nonmelting electrodes. Avtom.
svar. 8 no.6:49-53 N-D '55. (MLRA 9:6)

I.Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.
(Electric welding)

SIUNOV, N.S.; URMANOV, R.N.

Analysis of schematic diagrams of three-phase arc welding with
single-phase adjustable chokes. Avtom.svar. 10 no.4:1-14 J1-Ag '57.
(MIRA 10:10)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova.
(Electric welding)

AUTHOR: Urmanov, R.N. SOV/125-58-11-10/16

TITLE: The Effect of the Asymmetry of Three-Phase Welding Transformer Voltages on the Distortion of Currents in Electrodes
(Vliyaniye nesimmetrii napryazheniy trékhfaznogo svárochnogo transformatora na iskazheniye tokov v elektrodakh)

PERIODICAL: Avtomaticheskaya svarka, 1958, ^{vol.11,} Nr 11, pp 61-65 (USSR)

ABSTRACT: The feed system of a three-phase arc with a contactorless, one-core, three-winding control is analysed. The effect of an asymmetry of the idle-running voltage of a three-phase transformer on the higher harmonics content in the currents is investigated.
There is 1 circuit-diagram and 6 Soviet references.

ASSOCIATION: Ural'skiy politekhnicheskiy institut imeni S.M. Kirova (The Ural Polytechnical Institute imeni S.M. Kirov)

SUBMITTED: March 19, 1958

Card 1/1

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001858110001-6

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001858110001-6"

URMANOV, R.N., kand. tekhn. nauk, dotsent

Electric conversion circuit for a unit composed of series connected transformers with counter connection of the winding coils. Trudy Ural. elektromekh. inst. inzh. zhel. dor. transp. no. 5:24-33 '62.
(MIRA 17:8)

URMANOV, R.N., kand. tekhn. nauk, dotsent

Measurement of secondary voltage in series connected transformers.
Elektrichestvo no.6:42-46 Je '63. (MIRA 16:7)

1. Ural'skiy elektromekhanicheskiy institut inzhenerov
zheleznodorozhnogo transporta.
(Electric measurements) (Electric transformers)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

VEFLUGIN, Ye.M., inzh.; URMANOV, R.N., kand. tekhn. nauk, dotsent

Smooth voltage regulation of power transformers under load
conditions by means of saturation choke coils. Trudy Ural.
elektromekh. inst. inzh. zhel. dcr. transp. no.5:44-55 '62.
(MIRA 17:8)

URMANOV, Rifat Nurovich, kand. tekhn. nauk, dotsent; PAVLOV, Ivan Fedorovich, assistant

Special features of the sequential operation of transformers with counter connected windings. Izv. vys. ucheb. zav.; elektromekh. 7 no.7:828-836 '64. (MIFI 18:5)

1. Zaveduyushchiy kafedroy elektricheskikh mashin Ural'skogo elektromekhanicheskogo instituta inzhenerov zheleznodorozhного transporta (for Urmanov). 2. Kafedra elektricheskikh mashin Ural'skogo elektromekhanicheskogo instituta inzhenerov zheleznodorozhного transporta (for Pavlov).

basic characteristics of the paleogeography of the Balkan mountains in the Early Cretaceous. Izv. AN Turk. SSR. Ser. fiz.-tekhn., khim. i geol. nauk no. 3-97-101 '64 (MIRA 18:1)

1. Institut geologii AN Turkmenskoy SSR.

URMANOV, Urman, inzh.

Reducing the cracking and tearing of veneer in plywood production.
Durvomebel prom 7 no.2/3:11-14 Mr-Je '64.

1. NIPKIDP, Pazardzhik.

URMANOV, Z. A., (Bashkir Scientific-Research Veterinary Bacteriology Laboratory)

The use of antibiotics

Veterinariya vol. 38, no. 10, October 1961, pp 75

URMANOV, Z. A., (Bashkir Scientific Research Veterinary Bacteriological Laboratory).

"Incubator with an Automatic Disconnector."
Veterinariya vol. 38., no. 11., November 1961., p. 81

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6

URMANOV, Z.A.

URMANOV, Z.A. - COMMUNIST PARTY OF THE USSR

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

URMANOV, Z.A.

Thermostat with automatic disconnection. Veterinariia 38 no.11:
80 N '61 (MIRA 18:1)

1. Bashkirskaya nauchno-issledovatel'skaya veterinarno-bakteriologicheskaya laboratoriya.

KABIROV, R. I., et al. Treatment and prevention of intestinal diseases in young farm animals. Veterinariia 40 no.4:63-65 Ap '63.

Treatment and prophylaxis of gastrointestinal diseases in young farm animals. Veterinariia 40 no.4:63-65 Ap '63. (MIRA 17:1)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001858110001-6

1. Bashkirskaya nauchno-proizvodstvennaya veterinarnaya laboratoriya (for Kabirov).

URMANOVA, A., Inzh.

Involved in activities of the National Patriotic Front, Moscow
Branch & People's Committee (NPF) (CIA)
(including information on their use)

ROZHDESTVENSKIY, Ye.D.; URMANOVA, G.L.

Behavior of loess and sand subjected to vibration. Inv.AM
USSR.Ser.tekh.nauk no.4:53-61 '60. (MIRA 13:8)

1. Institut vodnykh problem i gidrotekhniki AM USSR.
(Soil mechanics)

AJAKAROV, K.; A.; URMAROVA, O. I.

Settling characteristics of soils in the central part of the
Golodnaya Steppe. Mat. po proizv. sil. Uzb. no.15:80-89
'60.
(MIRA 14:8)

1. Institut vodnykh problem i gidrotekhniki AN Uzbekskoy SSR.
(Golodnaya Steppe—Soil mechanics)

ROZHDESTVENSKIY, Ye.D.; ASKAROV, Kh.A.; UEMANOVA, G.L.; SHEYKHET, I.M.

Deep compaction of soils as a seepage preventing measure in canals.
Mat. po proizv. sil. Uzb. no.15:214-220 '60. (MIRA 14:8)

1. Institut vodnykh problem i gidrotekhniki AM Uzbekskoy SSR.
(Golodnaya Steppe--Irrigation canals and flumes)
(Soil stabilization)

Effectiveness of some dry fungicides for cotton seeds.
N. Miltipulatova and Kh. Urmanova. *Khlepkorodstvo* 4,
No. 2, 42-6(1954).—Cu trichlorophenolate (I) is an effective
fungicide against gummosis of cotton plants when 1 ton of
seeds is treated with 0-8 kg. I in 20% concn. It is most
effective if the treated seeds are wetted in heaps before fall
planting. It is slightly less effective when wetted with
running water before spring planting. Tetramethyl-
thiuramdisulfide (50% concn.) and Na trichlorophenate
(25% concn.) are also effective if the treated seeds are
wetted at once in running water. Elisabeth Baybush

URANIA, Kla. U., 1 BUDDEA, L.H.

Anthranoylethylenic acid phosphate. An ester formed from uranyl by ethyl
mercury phosphate and ethyl mercury chloride. Inv. AN 08 min. No.
bldg. mark no. 144-40-1572. (RINA 11, B)

(Inhalation growing)
(Ethyl mercury phosphate)
(Ethyl mercury chloride)

URMANOVA, S.Kh.

Stratigraphy of lower Cretaceous deposits in the mountainous part of
Badkhyz. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol.nauk no.3:115-
119 '61. (MIRA 14:7)

1. Institut geologii AN Turkmeneskoy SSR.
(Badkhyz—Geology, Stratigraphic)

URMANOVA, S. Kh.

New species of ammonites from Lower Cretaceous sediments in
Turkmenia. Paleont. zhur. no.2:76-79 '62.
(MIRA 15:10)

1. Institut geologii AN Turkmeneskoy SSR.
(Turkmenistan--Ammonoidea)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

URMAN TSEV, M. M.

Sinking 20, 108 meters within one year under complex conditions.
Neftianik 5 no.6:5-6 Je '60. (MIRA 13:7)

1. Machal'nik tekhotdela kontory burenija No.1 tresta Al'met'-yevburneft'.
(Al'met'yevsk region. (Tatar A.S.S.R.)--oil well drilling)

AUTHOR:

Urmantsev, Yu.

SOV/29-58-10-24/28

TITLE:

"Right- and "Left"-Orientation in Nature ("Pravizna" i
"levizna" v prirode")

PERIODICAL:

Tekhnika molodezhi, 1958, Nr 10, pp. 34 - 36 (USSR)

ABSTRACT:

In this paper the author deals with one of the most disputed problems of science. The investigation of rules of the geometry and the structure of organisms revealed new and unexpected problems, e.g. such pertaining to symmetry. The first scientists to deal with this problem were the Moscow crystallographers V.Vul'f and A.V.Shubnikov as well as the Dutch physicist and chemist F.Yeger. They found that the specimens in animate nature show in most cases a simple form of symmetry, e.g. a five-seven- and eightfold symmetry etc. In the animal world there are also organisms showing a form of symmetry which is characteristic of animate nature. Mirror symmetry is a characteristic feature of the structure of the human body, mammals, fish, birds, insects and some plants. Biologists found that in the course of time also symmetry has changed. Louis Pasteur (Lui Paster) and V.I.Vernadskiy

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Card 2/3

proved that asymmetry of living organisms is inherent and therefore asymmetric. In 1950 the German scientist V.Kun showed that the laws of thermodynamics demand an equivalence of the right and left-oriented forms - of the antipodes - of molecules and crystals. The Soviet research workers G.G.Lemmeijn and I.I.Shafranovskiy as well as the German scientist Tromsdorf counted "right"-oriented and "left"-oriented quartz crystals and found that they are about equal in number. With respect to elementary particles some scientists are of the opinion that also in this case the number of "left"-oriented and "right"-oriented particles is equal. Others are of a contrary opinion. The investigation of chemical organic compounds revealed an amazing effect. They seem to consist of tiny spirals of a certain form. Albumina and amino acids show a left orientation and carbon hydrates a right orientation. The contrary is hardly ever observed and it is regarded as unnatural. According to V.Kun and G.F. Gauze the formation of an asymmetric protoplasm contributed to a considerable intensification of the functions in the organism. Thus a better adaptability to the conditions of

"Right"- and "Left"-Orientation in Nature

SC7/29-58-1c-24/28

existence was achieved. Professor V.V.Alpatov is of the opinion that the existence of diametrically opposed proto-plasma is possible. The first scientists in this field were

the American scientists who studied the left orientation in nature.

The American scientist V.I.Vernadsky has also studied the

specific structure of organisms and the environment and

said that they are in the left half of the cosmos. V.I.Vernadsky

said that right- and left orientation is a spacial property which also depends on time. He pointed out that this phenomenon is especially pronounced in the spiral shape of galactics.
There are 2 figures.

Card 3/3

"Right"- and "Left"-Orientation in Nature

307/29-50-10-24/28

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6

URMANTSEV, Yu.A.

Asymmetry of plant leaves and flowers. Dokl. AN SSSR 133
no. 2:480-483 J1 '60. (MIRA 13:?)
(SYMMETRY (BIOLOGY)) (BOTANY--MORPHOLOGY)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001858110001-6

URMANTSEV, Yu.

Black Standard 36 Point Lead Type
110 LPI

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001858110001-6"

URMANTSEV, Yu.A.

Some problems with regard to dissymmetry in nature. Dokl. AN SSSR
140 no.6:1441-1444 O '61.
(MIRA 14:11)

1. Institut fiziologii rasteniy im. K.A.Timiryazeva AN SSSR.
Predstavлено академиком A.I.Oparinym.
(Symmetry (Biology))

URMANTSEV, Yu.A.; SMIRNOV, A.M.

Right and left roots in plants. Bot. zhur. 47 no.8:1073-1086
Ag '62. (MIEA 15:10)

1. Institut fisiologii rasteniy imeni Timiryazeva AN SSSR,
Moskva.
(Roots (Botany)). (Symmetry (Biology))

URMANOV, Yury.

Type of documentation in name: Miffrin, S. V., 1931- .
(KGB 178)

1. Institut fiziologii rastenij R SSSR, Moscow.

PETINOV, N.S.; UMANTEK, Yu.K.

Chromosomal diagnosis of the leading resistance of wheat to stripe rust
hybrid. Fiziol. rast. i fitotoksičeskij analiz rast.

(FRA 17:11)

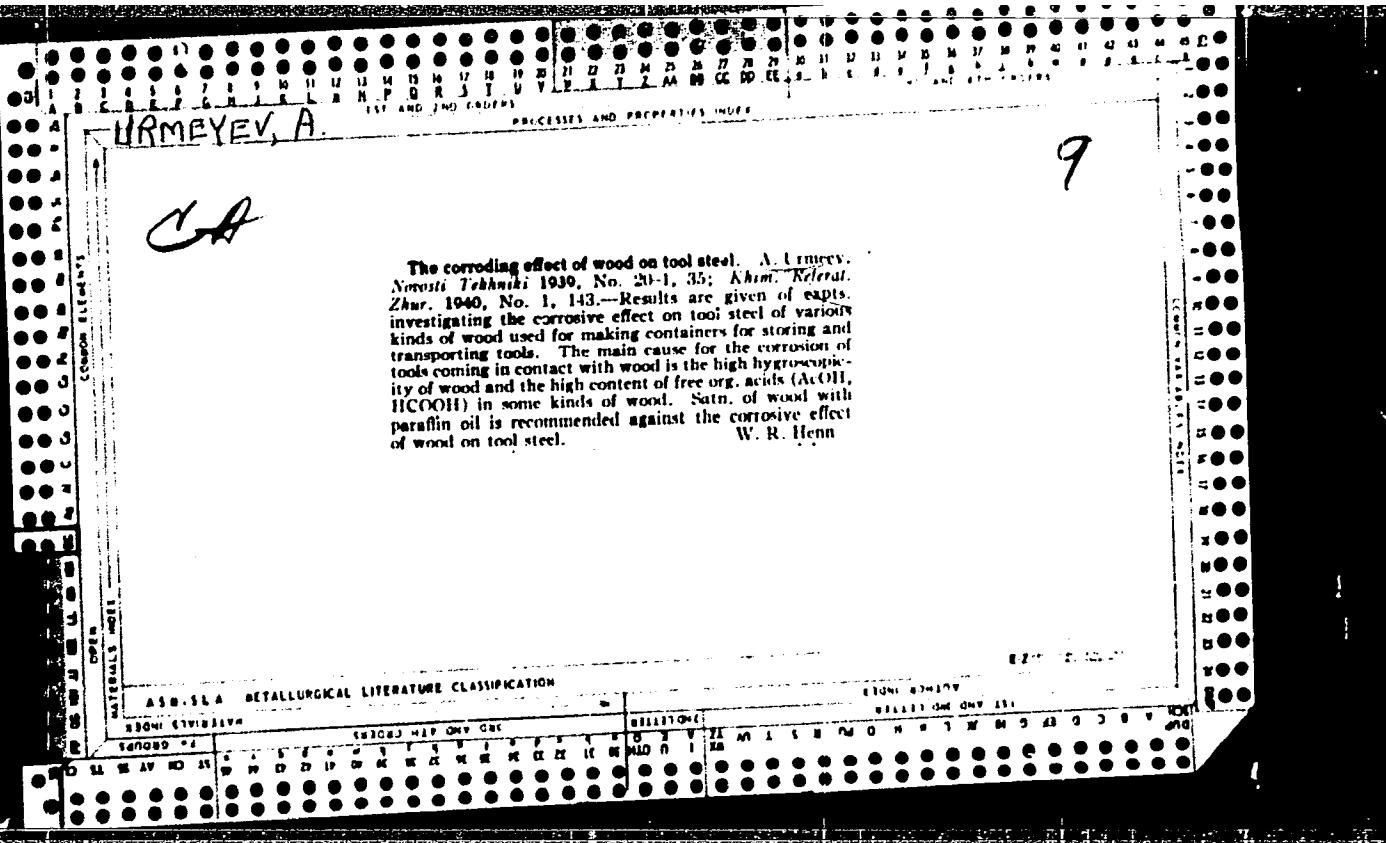
1. Institut fitotoksičeskoy i mertivoj fitofiziologii AN UkrSSR, Kirovograd.

URMANSEV, Yu.A.

Biological symmetry; symmetry and dissymmetry of blossoms. Izv.
AN SSSR Ser. biol. 30 no.1:75-87 Ja-F '65.

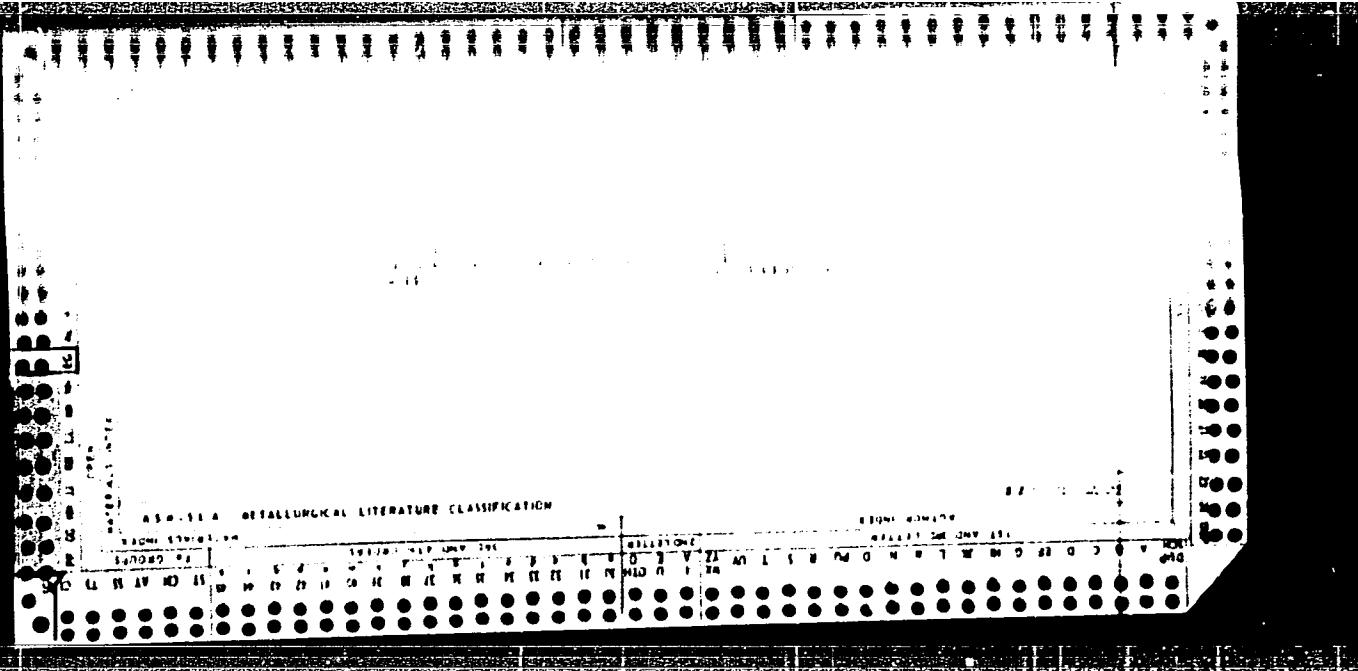
(MIRA 18:2)

1. Institute of Plant Physiology, Academy of Sciences of the U.S.S.R.,
Moscow.



"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6



APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

URMAYEV, A.S., inzh.

Optimal control of a second-order system. Vych. tekhn. [MVTU]
no.3:25-29 '63. (MIRA 17:2)

ALL INFORMATION CONTAINED

HEREIN IS UNCLASSIFIED

AUTHOR: Berezkov, B. N.; Urmayev, G. F.

TITLE: A method for feeding the signal to the servosystem of an installation for
electrochemical dimensional finishing

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001858110001-6

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 1B313

REF SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 20, ch. 1, 1965; 175-177

TOPIC TACS: servomechanism, electroerosion machining, automatic control equipment

ABSTRACT: One widely used procedure for controlling the process of electrochemical
dimensional machining is the method of holding the working current constant. In order
to do this, it is necessary to introduce a signal proportional to the current into the
servosystem. A pickup is considered which converts the current to voltage for con-
trolling this process. The pickup is a voltage divider consisting of a magnetron (a
diode controlled by a magnetic field) and the load resistance in series. 5 illustra-
tions. L. Tikhonova. [Translation of abstract]

SUB CODE: 13, 09

UDC: 621.9.047

URMAYEV, Nikolay Andreyevich, geodezist, kartograf [deceased]; STAROSTIN, F.A., red.; SHAMAROVA, T.A., red.izd-va; SUNGUROV, V.S., tekhn.red.

[Fundamentals of mathematical cartography] Osnovy matematicheskoi kartografii. Moskva, Izd-vo geodez. lit-ry, 1962. 127 p. (Moscow, Tsentral'nyi nauchno-issledovatel'skiy institut geodezii, kartografii i geofiziki. Trudy, no. 127.)

URALIN, Y.E.V.

SOT/7-59-3-9/48

URALIN, Y.E.: Professor; Pobedonostsev, N.N.; TUR-
SEN, I.A. - all Doctors of Technical Sciences; KOG-
LEV, A.I., LEVIN, V.R. and URALIN, Y.E. - all Pro-
fessors; ABRAAMOV, V.D. and MAFENOV, I.I. - both
Candidates of Technical Sciences

In: *Sodera Suggest* (Mashchitatali predlagayut)

Izdatelstvo SSSR, 1959, Nr 2, pp 24-25 (USSR)

Industrial academies existed in the USSR until 1956. Their principal task was to raise the qualifications of the leading engineers of industry. Because of serious shortcomings they were liquidated and the Ministry of Higher Education was instructed to work out another, better system of training leading engineers. As no steps have been made in this direction so far, the authors believe that industrial academies should be reestablished. The term of training must not exceed 1 year, and for some disciplines it may even be reduced to 3 or 4 months.

SOT/7-59-3-9/48

In: *Sodera Suggest*
The authors make suggestions on the methods of instruction and point out that in some cases a correspondence post-graduate studentship should be established for plant workers who have successfully graduated from the academy but reside in other towns.

GRIESBACH, S.; GRESSNER, E.; DORNETZHUBER, V.; URMINSKY, A.; HALAS, M.

Long-term study of chronic pyelonephritis in adults. Rozhl.
chir. 42 no.5:314-320 My '63.

I. Urologické oddelenie OUNZ v Nitre, veduci MUDr. S.
Griesbach Interne oddelenie OUNZ v Topolcanoch, veduci MUDr.
E. Gressner Patologicke oddelenie OUNZ v Nitre, veduci MUDr.
V. Dornetzhuber.

(PYELONEPHRITIS) (HYDRONEPHROSIS)
(NEPHRECTOMY) (HYPERTENSION, RENAL)

URMOS, Jozsef, dr.

Battalion Commander - Soviet Armed Forces - Soviet Union
Title: Dr.

URMOS, Jozsef, dr.

Answering the questions of commercial employees. Vasut 14
no. 2: 11-12 F '64.

URUGUAY
Answering the question of the Central Intelligence Agency, March 14, 1960.

Answering the question of the Central Intelligence Agency, March 14, 1960.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

URMOSI, I.

Steam boiler water epuration with ion exchangers at the Pulp
and Paper Mill, Zarnesti. Cet hirtie 13 no.9;325-332 S '64.

RIPAN, Raluca, acad.; VARHELYI, Cs.; URMOSI, J.

New amine dimethylglyoximates of cobalt (III). Pt.8. Studii
cerc chimie Cluj 14 no.2:215-226 '63.

1. Chair of Inorganic and Analytical Chemistry, "Babes-Bolyai"
University, Cluj.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6

URMOSSY, Laszlo

Plant experiences of the new Salgataran cold rolling mill,
Kohlap 96 no. 7408.12.1974.

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

URMUZACHE, M., Ing.

Development of the 2000 and 3000 mm aircraft category
after August 23, 1945. In total up to 15 aircraft being built.

1. Director General, Aeroflot, Ministry of Civil Aviation.

PRODOROVIC, M., dr. med. VASSILY DRAGOMIR, Dr. med. S. G. KARLOV,
Vladimir VLADIMIROVICH, Tsvetkov, Dr. med. VASSILY VLADIMIROVICH,
MANTOVSKIY, VLADIMIR VLADIMIROVICH, DR. med. M. V. TIN,
Marina Leonidovna, dr.

Evolution of influenza among a group of preschool-age children in
the year 1962-1963. Microbiologia (Bisur) 9 no. 4 533-539
N.D. '64

1. Incubare efectuata la Institutul medical-farmaceutic, Iasi.

SUCHA, L.; URNER, Z.

Titanometric determination of chlorine complexes of copper
I,II) and iron (II, III) in mixture. Coll Cz chem 29 no.7:
1612-1617 Jl '64.

1. Institut fur analytische Chemie, Technische Hochschule fur
Chemie, Prag.

URNLAS, T.

40 years of the first socialist army.

P. 3 (WOJSKO LUDOWE) (WARSZAWA, Poland) No. 2, Feb. 1958

SO: Monthly Index of East European Accessions (BEAT) DC Vol. 7,
No. 5, 1958

Materials of the Second (Cont.)

1213

of Soviet industry. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

From the Publisher 2

PART I. SERIES OF PREFERRED NUMBERS AND THEIR IMPORT-
ANCE IN ESTABLISHING RATIONAL PARAMETERS AND DIMENSIONS
OF MACHINES, EQUIPMENT, AND TOOLS

Materials of the Second (Cont.)	1213
Pen'kov, P.M., Engineer. Methodology and Practice of Planning and Organizing Production of a [Preferred Numbers] Series of Design-unified Machine Tools Using a Basic Design	47
Polivanov, P.M., Engineer. Standardization of Parts and Assemblies When Planning Unit Machine Tools and Automatic Lines	70
Urnikov, I.N., Engineer. Basic Principles for Unifying and Design-standardizing Adjustable-blade and Axial Water Turbines	78
Rumyantsev, V.A., Docent. Methodology of Planning and Substantiating Standardized [Preferred Numbers] Series of Piston Compressors	103
Soldatov, K.N., Engineer. Experiment to Classify by Type and Standardize Centrifugal Oil Pumps of a Normal Series	121
Gurevich, A.Ya., Engineer. Experiment to Standardize and Normalize Construction and Road-building Machinery	132

AVAILABLE: Library of Congress

Card 3/3

JG/fal
3-5-59

Mathematical Problems, exercises, etc. (Mathematics--Problems, exercises, etc.)
Physics--Problems, exercises, etc.

1 27728-66 FBD/EWT(1)/EWT(m)/EBC(k)-2/T/EWP(k)/EWA(h) IJP(c) WH/WG
ACC NR: AP6015429 SOURCE CODE: UR/0051/66/020/005/0853/0858

AUTHOR: Dukhopel, I. I.; Simonenko, T. V.; Urnis, I. Ye.

ORG: none

TITLE: Investigating the peak coherence of ruby laser emission

SOURCE: Optika i spektroskopiya, v. 20, no. 5, 1966, 853-858

TOPIC TAGS: laser emission, ruby laser, light interference, laser emission coherence

ABSTRACT: The authors study the internal coherence of laser emission together with longitudinal coherence at two fixed points. The experiments were made with a ruby laser using a pump energy of 100 mJ and 100 mJ. The longitudinal coherence was measured by the method of interference patterns formed at the output of the laser. The distance between the two points of measurement was varied from 10 cm to 100 cm. The results show that the longitudinal coherence of the laser emission is very good. The interference patterns obtained at the output of the laser are more than 90% contrast. It is found that the interference patterns are formed at all peaks regardless of crystal quality, the distance between vertical slits in the diaphragm, or the level of pumping energy. The pattern contrast is extremely high for most of the peaks. Most of the interference patterns has then cut off by a horizontal slit and photographed. It is found that the interference patterns are formed at all peaks regardless of crystal quality, the distance between vertical slits in the diaphragm, or the level of pumping energy. The pattern contrast is extremely high for most of the peaks. Most of the interference patterns

UDC: 621.375.9: 535

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ACC NR: AP6015429

show a characteristic relative shift in the interference bands at the individual peaks. This shift is usually lower at the beginning and end of emission, increasing noticeably at the midpoint. The shift is irregular, sometimes taking place extremely slowly and sometimes reaching half the width of the interference band in adjacent peaks. Among the fundamental causes for this relative shift are: 1. A change in band width due to variations in wavelength during emission, 2. A variation from peak to peak in the inclination of the beams falling on the diaphragm with vertical slits, 3. A change from peak to peak in the phase difference between the sections of the waves cut off by the slits. It is shown that the first effect is insignificant. The effect of a change in beam inclination on the band shift at the peak is experimentally confirmed. These experiments also show that there is coherent interaction between beams traveling in different directions as well as between beams emitted by different sections at the end of the laser. In conclusion the authors thank V. P. Liannik for directing this work. Orig. art. has: 6 figures. [14]

SUB CODE: 20/ SUBM DATE: 18Feb65/ ORIG REF: 002/ OTH REF: 007/
ATD PRESS: 5002

Card 2/2 B1G

ESR/Electricity - Electric Drive

Oct 51

"Some Problems of Electric Drive Dynamics,"
Docent K. V. Urnov, Cand. Tech Sci, Moscow
"Elektrichestvo" No 10, pp 35-40

Points out that the general eqs of motion of
an elec drive are based on the classical law
of motion of a variable mass, which holds in
artificial cases of an instantaneous union of
elementary masses with the main one.

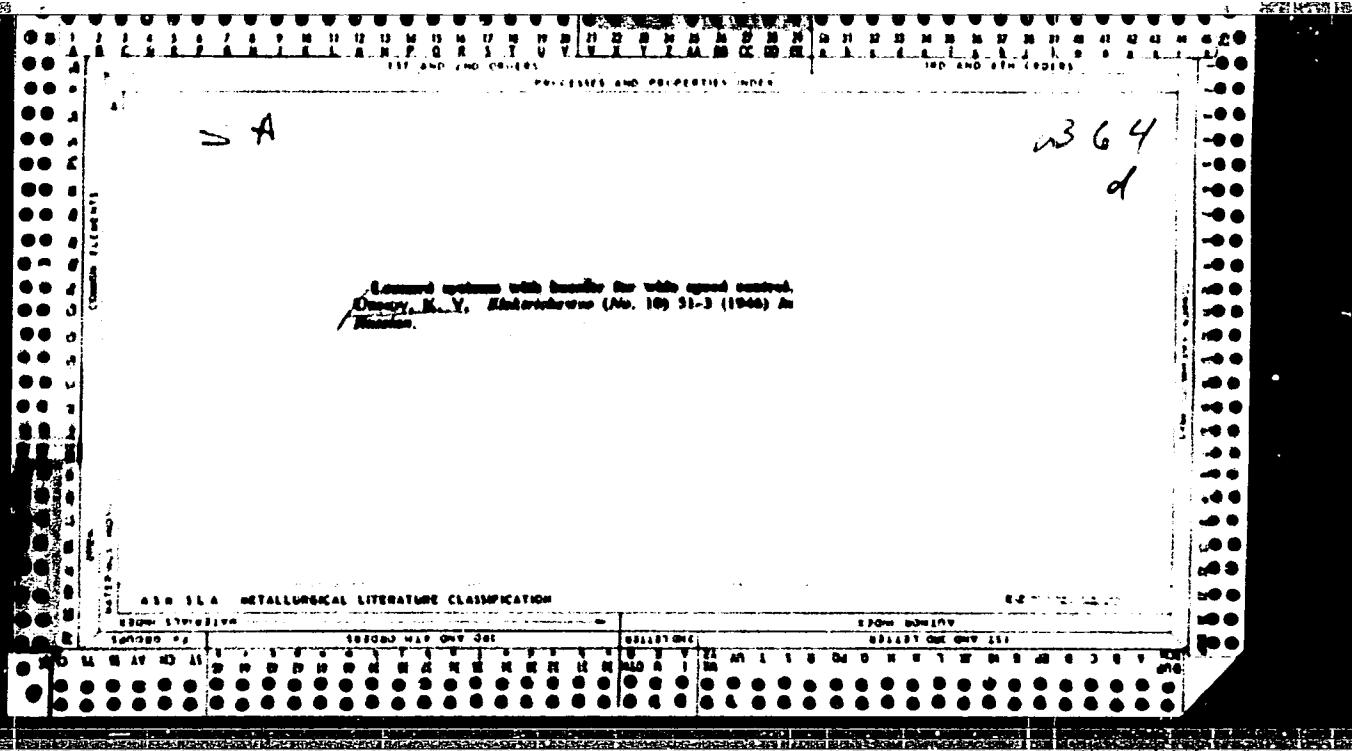
2011h42
SSR/Electricity - Electric Drive
(Contd) Oct 51

Recommends that the existing method of detg the
reduced flywheel moment according to the total
kinetic energy of the system be replaced by the
method of detg it according to the eq of reduced
moments. Submitted 27 Nov 50.

2011h42

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6



APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001858110001-6"

URNOV, K. V.

PA 26T8

USSR/Electricity

Motors, Electric
Generators, Electric

E-247

"Leonard's Series," K. V. [redacted] in
Technical Sciences, A. F. [redacted] in
Central Research and Inventory
for the Electrical Industry [redacted]
Assembly, 1 p

"West Elektro-Prom" No 1

The author discusses the [redacted] electric

machines in series, where [redacted]
generator and the other [redacted]

efficient operation, however [redacted] must

DSSR/Electricity (Contd) [redacted] E-247

be unsaturable and must be [redacted]
magnetism. This series [redacted] utilized
in cases of large-capacity [redacted] the limits established by [redacted]
apparatus and also the low [redacted] the
coils.

Technology

Electric drive of typographical machines Moskva, Gos. nauchno-tekh. izl-vo legkoi
promyshl. 1950

"Seriya - Electric Drive Oct 51

" Institute of Electric Drive Dynamics,
A. T. Nov, Cand Tech Sci, Moscow

" No 10, pp 33-40

the general eqs of motion of
drive based on the classical law
of variable mass, which holds in
cases of an instantaneous union of
masses with the main one.

CIA-RDP86-00513R001858110001-6

201742
Seriya - Electric Drive Oct 51
(Contd)

the existing method of detg the
component according to the total
of the system be replaced by the
according to the eq of reduced
and 27 Nov 50.

APPROVED FOR RELEASE: 03/14/2001

201742

URNOV, K. V.

PA 240245

USSR/Electricity - Motors

May 52

"Selection of the Power of Electric Motors According to Heating," Doc K. V. Urnov, Cand Tech Sci, Central Planning and Exptl Bureau, Elec Installation Trust for the Central Region

"Elektrichesto" No. 5, pp 29, 30

Points out that selection of power of heating motors for repeated short time duty cycle based on allowable temp over heating, which must be determined. Points a need for regulation of heating for rated temp of over heating, especially when over heating and overheating of motor occurs. (Source: Urnov, K. V., p. 29)

shg:dk

8(2) 28(1) PHASE I BOOK 22
 Sovremennye po avtomatizatsii
 teda, Moscow, 1955
 Study... (Transactions of the Conference
 Electric Drives) Moscow, 1955
 4,000 copies printed.

Sponsoring Agency: Academy of Sciences
 Telemekhanika.

Report Edt: V.S. Kulebachin, Academician
 Doctor of Technical Sciences, Professor
 House: D.M. Toreff, Tech. Ed.
CONTENTS: The conference was organized by
 the Institute of Automation and
 of Sciences, USSR, and the Institute of
 tube, which had as its aim the
 way of developing automatic
 control conference on the subject of
 too place more than ten years ago.
 was concerned with d-c electric
 conference were found to be most
 building power. Soviet industry
 development. Present techniques
 demands high speed, simplicity
 of operation and economy. The
 with frequency control appears
 or controlled a-d drive. For
 in the Soviet economy there is
 or frequency converter. Some
 in this connection at the Institute
 branch of the USSR Academy
 branch at the Moscow Power Engi-
 neering Bureau of the "Elektroproekt"
 and other design organizations. This
 at the present conference. The
 concerning the theory and design
 frequency methods of controlling
 candidate of Technical Sciences
 Lekova participated in the preparation
 of papers. The volume was prepared
 Doctor of Technical Sciences.
 bibliography.

TABLE OF CONTENTS:

Transactions of the Conference (Cont.)

DROZD, K. V., Candidate of Technical Sciences,
 Motor Electric Drives With Saturation
 range Speed Regulation
 The author discusses in detail the
 duction motor speed control. He describes
 example the method introduced in new design
 Gosudarstvennoye Proyektnoye-konstruktivnye
 project (Moscow Experimental Institute
 Design Institute "Tyazhpromelektroproekt")
 are given.

URNYSHEV, A.

URNYSHEV, A. (g. Novokhopersk, Balashovskoy oblasti).

We fire bricks by the Duvanov method. Prom.koop. no.4:26
Ap '57. (MIRA 10:7)
(Brickmaking)

OTSEP, S.A., kandidat tekhnicheskikh nauk; SOKOLINSKAYA, L.B., inzhener,
nauchnyy redaktor; UROD, V.Ya., redaktor izdatel'stva; VOLKOV,
V.S., tekhnicheskiy redaktor.

[Machine tools, devices, and parts used in sanitary engineering]
Stanki, prispособleniia i detaili dlia sanitarno-tekhnicheskikh
rabot. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1955. 36 p.
(Ratsionalizatorskie i izobretatel'skie predloshcheniya v stroitel'-
stve, no. 114).
(MLRA 10:8)

1. Tsentral'nyy institut informatsii po stroitel'stvu (for Otsep).
(Plumbing)

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001858110001-6

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001858110001-6"

URODA, L. A.

"The Diffusion Factor of Brucellosis Cultures," Trudy Nauchno-issledovatel'skogo
Instituta Mikrobiologii i Epidemiologii Yugo-Vostoka SSSR, Saratov, Vol 1, 1951, pp 48-52.

URODA, L. A.; VERENINOVA, N. K.; SAVOSTIN, D. G.

"The Therapeutic Effect of Streptomycin in Experimental Brucellosis Infections," Trudy Nauchnoissledovatel'skogo Instituta Mikrobiologii i Epidemiologii Yugo-Vostoka SSSR (Works of the Scientific Research Institute for Microbiology and Epidemiology of the Southeastern USSR), Saratov, Vol 1, 1951, pp 157-163.

L 9/120-67 EWE(M) LIP(6)

ACC NR: AT0031760

SOURCE CODE: UR/S002/66/000/004/0176/0101

AUTHORS: Arkhangelskiy, R. K.; Olszhevsky, Ye. I.; Smirnov, G. K.; Novyaklin, M. N.;
Urodkov, V. N.

ORIGIN: RUSSIA

UR
AII

TITLE: Certain technological features in the mass production of diaphragm-type waveguides for traveling wave electron linear accelerators. 19

SOURCE: Moscow. Nauchno-issledovatel'skiy institut elektrofizicheskoy apparatury. Elektrofizicheskaya apparatura, no. 4, 1966, 174-181

TOPIC TAGS: traveling wave, waveguide, linear accelerator

ABSTRACT: A mass production technique is described for diaphragm-type waveguides used in traveling wave linear accelerators. The process involves the following operations: the stamping of cup billets, annealing, machining, and electrochemical polishing of cups, soldering of subsections made up of individual cups, and the soldering of sections from subsections. The waveguide consisting of the cups and the terminal matching section are made of deoxidized copper with a specific electric conductivity of not less than $5.80 \cdot 10^7$ mho/m. The cup billets are obtained by hot stamping from round rolled metal. The machining of stamped billets consists of four stages: coarse cutting, annealing, preliminary fine cutting and final machining. Difficulties were encounter-

Card 1/2

L 37196-6/

ACC NR: AT6031768

ed in selecting the necessary cutting tools. The best cutters consist of hard alloy plates, but even these undergo substantial wear. Experiments were conducted which show the feasibility of using diamond cutters in the future. After machining and inspection, the cups are polished electrochemically to produce a cleaner surface and an anticorrosion film. The final soldering stage is the most critical production step. Soldering is conducted in a vacuum by means of high frequency currents. Industrial samples of accelerator sections produced by this method have been in operation for several years and have confirmed the fact that the geometric dimensions, the surface finish, the hermetic properties of the joints and the radiometric parameters remain unchanged. Orig. art. has: 4 figures.

SUB CODE: 09,20,14/ SUBM DATE: none

Card 2/2 egh

SUPEK, Zlatko (Zagreb); UROIC, Bozena (Zagreb)

Vascular reactivity after haemorrhage. Biol glas 13 no.4:387-388
160.

1. Zavod za farmakologiju Medicinskog fakulteta u Zagrebu.

(HAEMORRHAGE)

YUGOSLAVIA/Pharmacology - Toxicology - Tranquillizers.

v

Abs Jour : Ref Zhur Biol., No 4, 1959, 18525
Author : Supok, Zlatko; Uroic-Zahradnik, Bozena
Inst : -
Title : The Influence of Reserpin on the Vascular System of
Rabbits.
Orig Pub : Acta pharmac. jugosl., 1958, 8, No 2, 83-86
Abstract : No abstract.

Card 1/1

UROL'TSEVA, Ye.V., prof. (Leningrad)

Review of L.G.Fishman's book Clinical aspects and treatment of
diseases of the fingers and the hand." Vest. khir. 93 no.9:142-144
S '64.
(MIRA 18:4)

UROMI-HALASZ, Jozsef

Television broadcasting from the Olympic games by
artificial satellites. Elat tud 19 no.46:2167 13 N '64.